



DAS
JPW

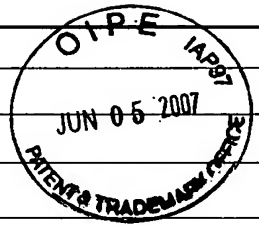
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/717,562
		Filing Date	November 21, 2003
		First Named Inventor	Akira ISHIKAWA et al.
		Group Art Unit	2815
		Examiner Name	Joseph H. Nguyen
Total Number of Pages in This Submission	13	Attorney Docket Number	740756-2669

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input type="checkbox"/> A self-addressed prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Correction PTO 1050 B Form Request for Certificate of Correction Copy of Notice of Recordation Reel/Frame 014727/0300
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jeffrey L. Costellia, Reg. No. 35,483 Nixon Peabody LLP 401 9 th Street, N.W. Suite 900 Washington, D.C. 20004-2128
Signature	
Date	June 5, 2007

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]	
I hereby certify that this correspondence is being:	
<input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450	
<input type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.	
Date	Signature
	Typed or printed name

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h2 style="margin: 0;">FEE TRANSMITTAL FOR FY 2005</h2>		Complete if Known	
		Application Number	10/717,562
		Filing Date	November 21, 2003
		First Named Inventor	Akira ISHIKAWA et al.
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Examiner Name	Joseph H. Nguyen
TOTAL AMOUNT OF PAYMENT	(\$130.00)	Art Unit	2815
		Attorney Docket No.	740756-2669



METHOD OF PAYMENT (check all that apply)

☐ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☒ Deposit Account
 Deposit Account Number: 19-2380
 Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
 ☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-20238.

FEE CALCULATION

1. BASIC FILING, SEARCH AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple document claims	360	180

Total Claims - 20 or HP = _____ x _____ = _____
 HP =- highest number of total claims paid for, if greater than 20

Indep. Claims - 3 or HP = _____ x _____ = _____
 HP =- highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	_____ / 50 = _____	_____ (round up to a whole number)	x _____ = _____	_____

4. OTHER FEE(S)

Other: Petition Fee \$130.00 \$130.00

SUBMITTED BY			
Signature		Registration No. 35,483 (Attorney/Agent)	Telephone 202 585 8000
Name (Print/Type)	Jeffrey L. Costellia	Date	June 5, 2007

SEND TO: Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450



Docket No. 740756-2669

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT of)
Akira ISHIKAWA et al.) Examiner: Joseph H. Nguyen
Patent No. 7,122,830) Group Art Unit: 2815
Issued: October 17, 2006) Confirmation No.: 8458
For: SEMICONDUCTOR DEVICE AND)
METHOD OF MANUFACTURING) Date: June 5, 2007
THE SAME

PETITION UNDER 37 CFR 3.81(b)

Mail Stop Petitions

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby petition that the requirements of 37 CFR 3.81 be waived to enable correction of applicants' error in omitting the name and address of the second assignee in item three (3) of the Issue Fee Transmittal as "Sharp Kabushiki Kaisha, Osaka, Japan". A copy of the request for issuance of a Certificate of Correction and the requisite \$100.00, filed April 12, 2007 are submitted simultaneously herewith.

In particular, an assignment was filed for recording November 21, 2003 and recorded at Reel/Frame 014727/0300 which correctly displays the both of the Assignees' names and addresses. The error for which correction is herein requested occurred on the Issue Fee Transmittal form submitted September 12, 2006 when only one assignee was included on these forms and, hence, the second assignee was omitted from being printed on the face of the patent. This error was inadvertent in nature.

The proper assignees are important to those reviewing issued patents to designate the true owners of a particular patent. Specifically, it is important for the patentees to properly receive business inquiries from interested parties. It is also

06/06/2007 DEMMANU1 00000073 192380 10717562
01 FC:1464 130.00 DA

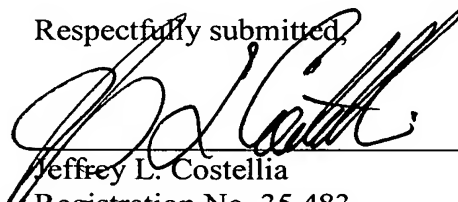
-2-

important to the interested public so that the proper owners are recognized and available for business discussions, for instance, when the subject patent is noted during a search. Without the requested certificate of correction, the patentees could lose potential business opportunities and the public could be misinformed. Consequently, the patentees respectfully request that the Certificate of Correction be granted in this patent.

A copy of the recorded assignment is submitted herewith as true and accurate proof of the both of the Assignees' names and addresses.

The Petition Fee amount of \$130.00 under 37 C.F.R. 1.117(h) and any additional fees or overages due in connection with this patent and the requested actions should be applied to Deposit Account No. 19-2380 (740756-2669).

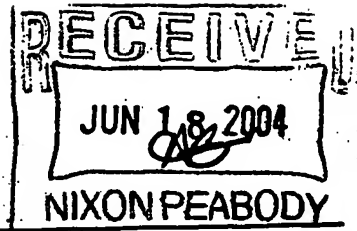
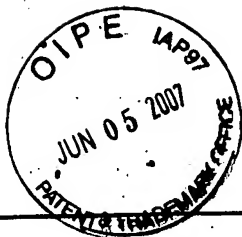
Respectfully submitted,



Jeffrey L. Costellia
Registration No. 35,483

Nixon Peabody LLP
401 9th St., N.W.
Suite 900
Washington, DC 20004

Phone: 202-585-8000



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 14, 2004

PTAS



102611217A

NIXON PEABODY LLP
JEFFREY L. COSTELLIA
401 NINTH STREET, N.W., SUITE 900
WASHINGTON, DC 20004

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/21/2003

REEL/FRAME: 014727/0300
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 740756-2669

ASSIGNOR:
ISHIKAWA, AKIRA

DOC DATE: 11/10/2003

ASSIGNOR:
FUKUSHIMA, YASUMORI

DOC DATE: 10/31/2003

ASSIGNEE:
SEMICONDUCTOR ENERGY LABORATORY
CO., LTD.
398, HASE
ATSUGI-SHI, KANAGAWA-KEN, JAPAN

243-0036

014727/0300 PAGE 2

ASSIGNEE:

SHARP KABUSHIKI KAISHA
22-22, NAGAIKE-CHO, ABENO-KU
OSAKA-SHI, OSAKA, JAPAN 545-0013

SERIAL NUMBER: 10717562

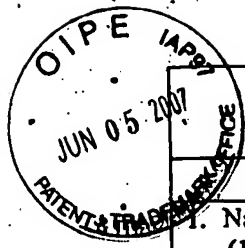
PATENT NUMBER:

TITLE: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

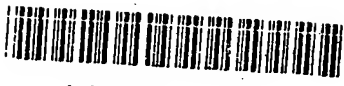
FILING DATE: 11/21/2003

ISSUE DATE:

SEDLEY PYNE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



12-01-2003



S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 740756-2669

11-21-03

RECO

To the Honorable Commissioner of Patents

1. Name of conveying parties:
(1) Akira ISHIKAWA
(2) Yasumori FUKUSHIMA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date(s):

1st Inventor: November 10, 2003
2nd Inventor: October 31, 2003

102611217

Name of receiving party

Name: Semiconductor Energy Laboratory Co., Ltd.

Street Address: 398, Hase

City: Atsugi-shi State: Kanagawa-ken Zip: _____

Country: Japan Postal Code: 243-0036

(2nd) Name and address of receiving party

Name: Sharp Kabushiki Kaisha

Street Address: 22-22, Nagaike-cho, Abeno-ku

City: Osaka-shi State: Osaka Zip: _____

Country: Japan Postal Code: 545-0008

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s);

If this document is being filed together with a new application, the filing date of the application is: November 10, 2003 and October 31, 2003

A. Patent Application No.(s) 10717562

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Attorney Name: Jeffrey L. Costellia

Firm Name: Nixon Peabody LLP

Internal Address: Suite 900

Street Address: 401 Ninth Street, N.W.

City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2380 (740756-2669)

(Attach duplicate copy of this page if paying by deposit account)

11/28/2003 DBYME
01 FC:6021

40.00 DA

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey L. Costellia

Name of Person Signing

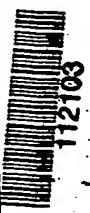
Jeffrey L. Costellia
Signature

November 21, 2003
Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450

U.S. P.T.
10717562



NIXON PEABODY LLP
United States Patent Rights

Attorney Docket No.

ASSIGNMENT

WHEREAS, Akira ISHIKAWA, and Yasumori FUKUSHIMA (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME for which an application for Letters Patent of the United States of America has been executed by the undersigned on _____, and;

WHEREAS, Semiconductor Energy Laboratory Co., Ltd. of 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan; and Sharp Kabushiki Kaisha of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 Japan; their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignees the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignees and to vest all rights therein hereby conveyed to said Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to said Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/10/2003, Name of Inventor Akira Ishikawa (SEAL)
Akira ISHIKAWA

Date 10/31/2003, Name of Inventor Yasumori Fukushima (SEAL)
Yasumori FUKUSHIMA

Date _____, Name of Inventor _____ (SEAL)

Date _____, Name of Inventor _____ (SEAL)

Date _____, Name of Inventor _____ (SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)

Witness _____ (name) _____ (signature)

Witness _____ (name) _____ (signature)

Witness _____ (name) _____ (signature)



Docket No. 740756-2669

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT of)
Akira ISHIKAWA et al.) Examiner: Joseph H. Nguyen
Patent No. 7,122,830) Group Art Unit: 2815
Issued: October 17, 2006) Confirmation No.: 8458
For: SEMICONDUCTOR DEVICE AND)
METHOD OF MANUFACTURING) Date: April 12, 2007
THE SAME	

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER THE 37 CFR 1.323

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

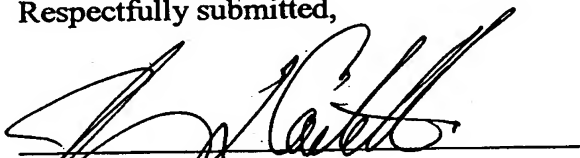
Applicants respectfully request that a certificate of correction be granted in the above-identified application to enable correction of applicants' error in omitting the second assignee's name and address in item three (3) of the Issue Fee Transmittal as "Sharp Kabushiki Kaisha, Osaka, Japan". This error was inadvertent in nature.

In particular, an assignment was filed for recording November 21, 2003 and recorded at Reel/Frame 014727/0300 which correctly displays the both of the Assignee's names and addresses. The proper identification of the assignees is important to a patentee to designate the true owner of a particular patent. This is important for the patentees to properly receive business inquiries from interested parties, as well as being important to the interested public when the instant patent is noted during a search so that the proper owners are recognized and available for

business discussions. Without the requested Certificate of Correction, the patentees could lose potential business opportunities and the public could be misinformed.

Consequently, the patentees respectfully requests that the Certificate of Correction be granted in this patent. The Commissioner is authorized to charge the \$100 fee for filing this request to Deposit Account No. 19-2380 (740756-2669). Any deficiencies or overages in any fees due in connection with this patent and the requested actions should be applied to Deposit Account No. 19-2380 (740756-2669).

Respectfully submitted,



Jeffrey L. Costellia
Registration No. 35,483

Nixon Peabody LLP
401 9th St., N.W.
Suite 900
Washington, DC 20004

Phone: 202-585-8000
Fax: 202-585-8080

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,122,830

ISSUED : October 17, 2006

INVENTOR(S) : Akira Ishikawa, Atsugi (JP); Yasumori Fukushima, Fukuyama (JP)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Section (73) should read:

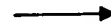
(73) Assignee: --SEMICONDUCTOR ENERGY LABORATORY CO., LTD., Kanagawa-ken (JP),;
SHARP KABUSHIKI KAISHA, Osaka (JP)--

MAILING ADDRESS OF SENDER:

NIXON PEABODY LLP
Suite 900, 401 9th Street, N.W.
Washington, D.C. 20004-2128

PATENT NO. 7,122,830

No. of additional copies



SEND TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,122,830

ISSUED : October 17, 2006

INVENTOR(S) : Akira Ishikawa, Atsugi (JP); Yasumori Fukushima, Fukuyama (JP)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

-- Section (73) should read:

(73) Assignee: --SEMICONDUCTOR ENERGY LABORATORY CO., LTD., Kanagawa-ken (JP),;
SHARP KABUSHIKI KAISHA, Osaka (JP)--

MAILING ADDRESS OF SENDER:

NIXON PEABODY LLP
Suite 900, 401 9th Street, N.W.
Washington, D.C. 20004-2128

PATENT NO. 7,122,830

No. of additional copies



SEND TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450